Yash Gupta

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EDUCATION

BMS College Of Engineering — Bangalore, IND
Bachelor of Engineering in Computer Science CGPA: 9.0/10 — *Dec. 2021 – 2025*

EXPERIENCE

Project Research Intern — Mar 2024 – Present
Samsung PRISM — *Bangalore, IND*
- Developed a Machine Learning Model using BERT model to detect AI generated texts
- Conducted model training on 60k data points and fine-tuning for optimal performance
- Collaborated on cloud-based application development using Flask.
- Achieved 96 percentage accuracy of the Model

Front End Developer Intern — Apr. 2024 – June.2024
FarmerGoods.co — *Bangalore, IND*
- Develop front end customer side website for farmergoods.co
- Implemented functionality for the website along with dynamic elements
- Implemented payment gateway for the website payments along with basic backend implementation

PROJECTS

University Student Companion | *HTML, CSS, JS, SQL, NoSQL, Node.JS, Azure, GitHub*
- Developed a Full Stack web app to provide students with study resources and useful tools such as SGPA calculator, Club Info. forum, news and results, it was built using HTML, CSS, JS, PHP for the front end
- Used Node.JS for the backend scripting
- Deployed on Azure cloud and CICD managed using Github Actions and uses both SQL and MongoDB for data storage

StylMe | *React Native, JS, Expo, Firebase, Git*
- Developed a mobile based application made using Expo and React Native to help customers book online grooming services and explore salons and beauty centres nearby and make appointments
- Managed backend data management done using Firebase databases

MedLink | *Solidity, Ethereum, IPFS, Ganache, Metamask*
- Developed a blockchain based application to store electronic health records and share access
- Used solidity to develop smart contracts for the application
- Deployed the application using ethereum testnet and used metamask wallet for transactions
- Used ganache for smart contract management and used IPFS for data storage

Customer Segmentation Tool | *Python, Machine Learning, MatPlotLib*
- Developed a tool using k-means clustering to automate customer segmentation
- Reviewed multiple research papers and carried out literature survey on various machine learning techniques
- Performed a comparative study on K-Means and Agglomerative clustering

TECHNICAL SKILLS

Languages: Python, Java, C, SQL , NoSQL, JavaScript, HTML/CSS, Solidity
Frameworks: React Native, Node.js, Flask, TensorFlow, Scikit-Learn, Ethereum
Developer Tools: GitHub, Docker, Jenkins, Microsoft Azure Cloud, Firebase, VS Code, Expo
Libraries: pandas, NumPy, Matplotlib, Keras, PyTorch

COURSES AND CERTIFICATIONS

ARTIFICIAL INTELLIGENCE FOR ALL Indo Universal Collaboration for Engineering Education
MACHINE LEARNING NPTEL : KTH Royal Institute Of technology
PYTHON FOR DATA SCIENCE NPTEL : IIT Madras
GOOGLE CLOUD COMPUTING FOUNDATIONS NPTEL : Google Cloud, IIT KGP
DEEP LEARNING NPTEL : IIT ROPAR